

BYE 22302-64

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27 April 1964

MEMORANDUM FOR: Chief, Sensor System Division, OSA

SUBJECT : Attitude and Altitude Recordings for IDEALIST Program

1. Reference is made to recent discussions between you and representatives of the NPIC concerning two proposals from Aeroflex which will provide vehicle attitude and altitude recordings. One proposal employs a horizon camera for attitude recording and the other employs a statoscope for altitude recording. The NPIC representatives indicated at the conclusion of the discussion that the Aeroflex proposals meet the NPIC requirements for attitude and altitude recordings.

2. This is to confirm that the NPIC needs recordings of the camera attitude and vehicle altitude and that each of the Aeroflex proposals for attitude and altitude recording systems as presented at the above-mentioned discussions meet the requirements of the NPIC. As a matter of record the following is the NPIC requirement for attitude and altitude recorders:

"The accuracy required from attitude and altitude sensors must be within 30 minutes of arc and one part in one hundred respectively, or better."

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Assistant for Plans and Development
NPIC

CONCUR: 151

Chief, Technical Intelligence
Division, NPIC

Date: 28 Apr 64